

Oncora Medical teams up with oncologists at N.Y.'s largest health system

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Photo by Steven Kasich

David Lindsay, co-founder and CEO of Oncora Medical

Oncora Medical, a Philadelphia medical technology company, has entered into a collaboration with radiation oncologists at New York's largest health care provider.

Under the partnership, radiation therapists at Northwell Health will have access to Oncora's software designed to integrate clinical data to predict patient outcomes and deliver precision-based care.

Financial terms of the deal were not disclosed.

"Oncora is thrilled to be working with Northwell Health to personalize cancer treatments using data and machine learning," said [David Lindsay](#), the company's co-founder and CEO. "With this partnership we hope to power advanced research and ultimately improve patient outcomes through decision support."

The collaboration is part of a project at Northwell — which operates 23 hospitals, 665 outpatient facilities and has more than 18,500 affiliated physicians — to use real-world data to better design personalized therapies for patients.

Data scientists and engineers from Oncora, as part of a previous six-month collaboration with physicians from Northwell's department of radiation medicine, mined data from more than 50,000 cancer patients treated at Northwell during the past 15 years. The data gathered from records includes patient cancer history, treatment outcomes including side effects, radiation treatment plans, imaging, and chemotherapy administration.

Once all the data is validated, the Oncora software will continuously learn from the dataset to provide information to help guide physician treatment decisions.

"This is a first for Northwell and a first for Oncora — and is a big deal for cancer patients," said Dr. [Louis Potters](#), chairman of Radiation Medicine at Northwell Health. Potters is also deputy physician-in-chief of the Northwell Health Cancer Institute. "Our ability to aggregate our patient outcomes over 15 years creates an ability to customize

treatment plans for individual patients. While a lot more effort is needed to validate this concept, this first step represents a proof in principle that this type of novel analysis can be achieved.”



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